

**REMARKS**

The specification has been amended to include headings in accordance with US practice.

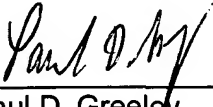
The Abstract of the Disclosure has been amended to eliminate reference numbers and to comply with MPEP 608.01(b).

Consideration and allowance of application is respectfully requested.

Attached hereto is a marked up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version With Markings to Show Changes Made."

Respectfully submitted,

9/5/02  
Date

  
\_\_\_\_\_  
Paul D. Greeley  
Attorney for Applicant(s)  
Registration No. 31,019  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10<sup>th</sup> Floor  
Stamford, CT 06901-2682  
(203) 327-4500

## **VERSION WITH MARKINGS TO SHOW CHANGES MADE**

### **In The Specification**

Please amend the specification as follows:

On page 1, between lines 2 and 3, insert --- **1. Field of the Invention** ---.

On page 1, between lines 8 and 9, insert --- **2. Discussion of the Background Art** ---.

On page 3, between lines 9 and 10, insert --- **SUMMARY OF THE INVENTION** ---.

On page 5, between lines 5 and 6, insert

#### **--- BRIEF DESCRIPTION OF THE DRAWINGS**

Fig. 1 is a schematic representation of the general layout of an integrated optics optical multiplexer/demultiplexer according to the present invention.

#### **DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT ---.**

### **In The Abstract**

Please amend the abstract as follows:

#### **ABSTRACT OF THE DISCLOSURE**

An optical multiplexer/demultiplexer (1), comprisingincludes:

— an integrated optics substrate (2) defining a main propagation path for optical radiation, the main propagation path being preferably in a zig-zag pattern and having an aggregate port (10) for transmitting an aggregate optical radiation including a plurality of wavelengths ( $\lambda_1, \lambda_2, \dots, \lambda_n$ ),

- a plurality of selective optical couplers  $(C_1, C_2, \dots)$  distributed along the main propagation path, each selective optical coupler  $(C_1, C_2, \dots)$  being arranged for adding to and removing from the aggregate optical radiation a respective tributary optical radiation centered around a respective tributary wavelength  $(\lambda_1, \lambda_2, \dots, \lambda_n)$ , and

- a plurality of tributary propagation paths for optical radiation provided in the integrated optics substrate (2), each of ~~said~~the tributary paths extending between a respective one of ~~said~~the selective optical couplers  $(C_1, C_2, \dots)$  and a respective tributary port  $(11, 12, \dots)$  for transmitting a tributary optical radiation centered around a respective tributary wavelength  $(\lambda_1, \lambda_2, \dots, \lambda_n)$ .